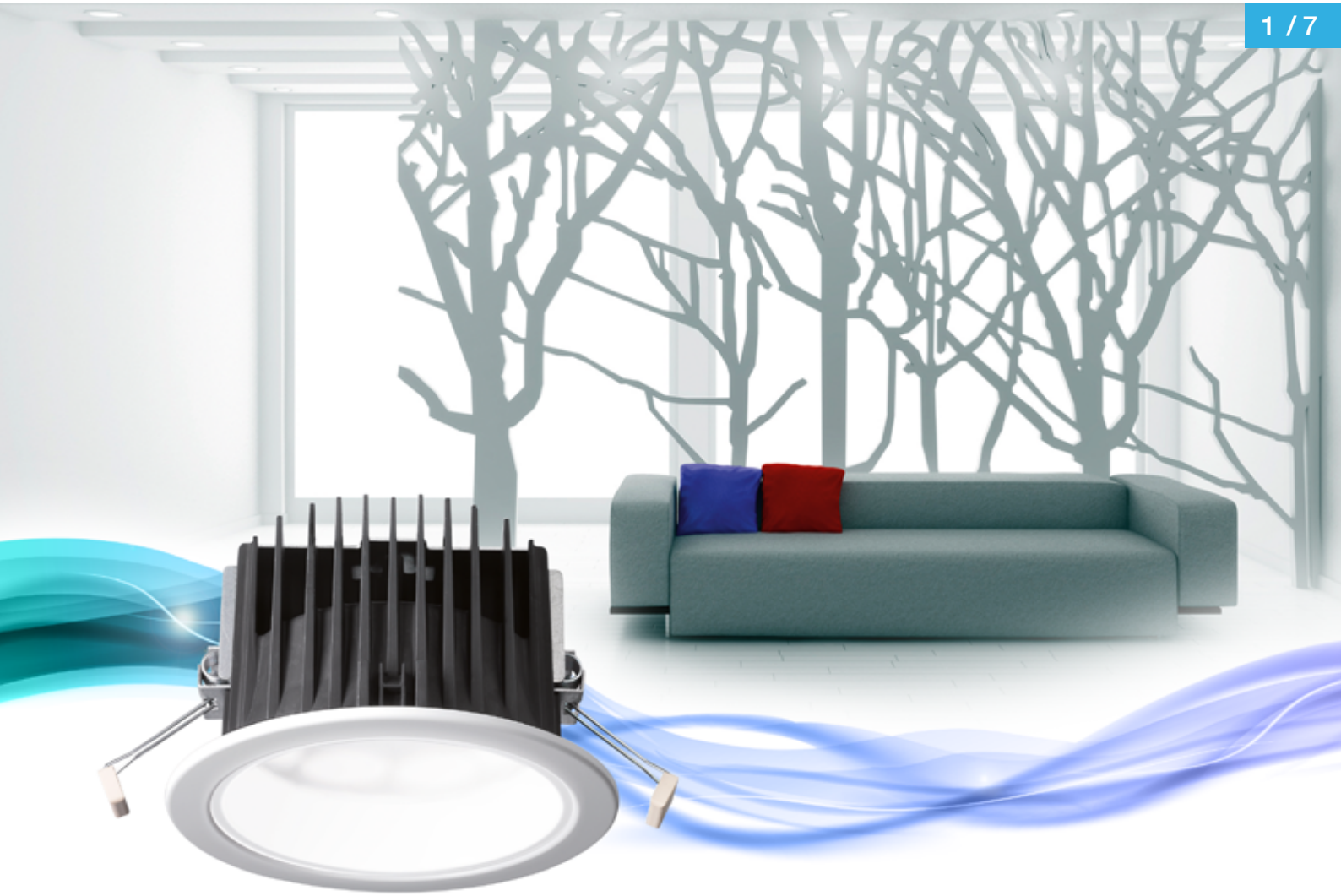


E-CORE LED DOWNLIGHT 3000

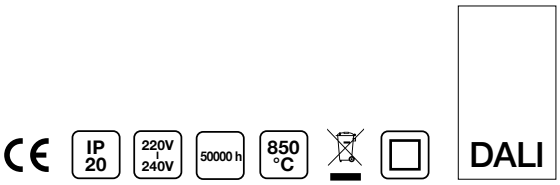
Event centers, conference rooms, cinemas – large spaces with sophisticated lighting design set the stage for this powerful downlight. Its compact dimensions and DALI controllability make it a convenient replacement for up to 2 x 32W compact fluorescent and 1 x 35W HID systems. Furthermore, a choice of different beam angles and UGR versions offers great flexibility and enables the use in various application fields – always optimally fulfilling the respective lighting task requirements.

Application:

- Ideal for the efficient and powerful general illumination in larger spaces
- Compact dimensions for 150 mm ceiling cut-outs
- Wide range of different version - always the right choice for different lighting task requirements

Product details

- Powerful downlight with integrated LED module
- Luminaire efficacy up to 62 lm/W
- Replacement of 2 x 32W compact fluorescent and 1 x 35W HID systems
- UGR 19 / 22 / 25 / 28 versions
- For 150 mm ceiling cut-outs
- DALI dimmable
- Driver to be ordered separately



Optical parameters

MODEL NAME	E-CORE LED DOWNLIGHT 3000 UGR22	
Product code	LEDEUD00026D30	LEDEUD00026D40
Finishing (trim colour) *	White	White
Colour description	Warm white	Neutral white
Colour temperature	**3000 K**	**4000 K**
Beam angle	73°	73°
Luminous flux	2,630 lm	2,760 lm
System efficacy	57 lm/W	60 lm/W
Colour rendering index	Ra > 80	Ra > 80
UGR	22	22

MODEL NAME	E-CORE LED DOWNLIGHT 3000 UGR19	
Product code	LEDEUD00028D30	LEDEUD00028D40
Finishing (trim colour) *	White	White
Colour description	Warm white	Neutral white
Colour temperature	**3000 K**	**4000 K**
Beam angle	50°	50°
Luminous flux	2,680 lm	2,820 lm
System efficacy	58 lm/W	61 lm/W
Colour rendering index	Ra > 80	Ra > 80
UGR	19	19

* Available also in black and silver (for more information please see logistic data)

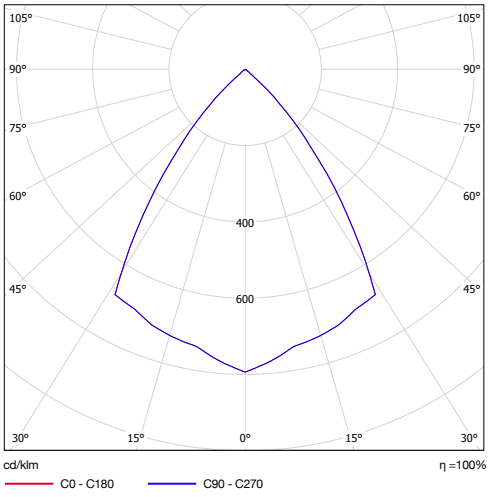
Optical parameters

MODEL NAME	E-CORE LED DOWNLIGHT 3000 UGR25	
Product code	LEDEUD00029D30	LEDEUD00029D40
Finishing (trim colour)	White	White
Colour description	Warm white	Neutral white
Colour temperature	**3000 K**	**4000 K**
Beam angle	55°	55°
Luminous flux	2,675 lm	2,815 lm
System efficacy	58 lm/W	61 lm/W
Colour rendering index	Ra > 80	Ra > 80
UGR	25	25

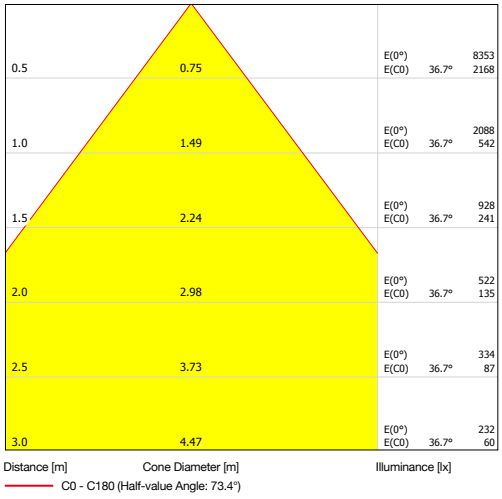
MODEL NAME	E-CORE LED DOWNLIGHT 3000 UGR28	
Product code	LEDEUD00128D30	LEDEUD00128D40
Finishing (trim colour)	White	White
Colour description	Warm white	Neutral white
Colour temperature	**3000 K**	**4000 K**
Beam angle	77°	77°
Luminous flux	2,730 lm	2,870 lm
System efficacy	59 lm/W	62 lm/W
Colour rendering index	Ra > 80	Ra > 80
UGR	28	28

POLAR CANDELA DISTRIBUTION

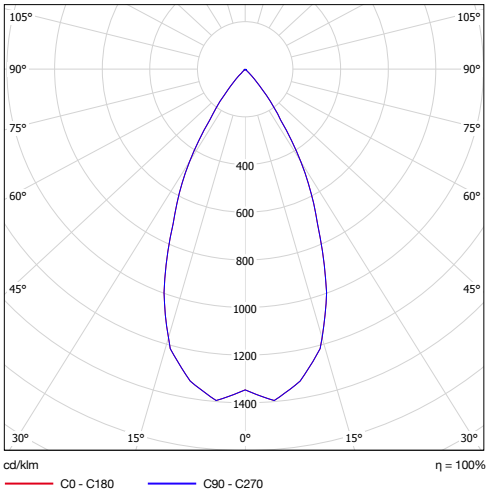
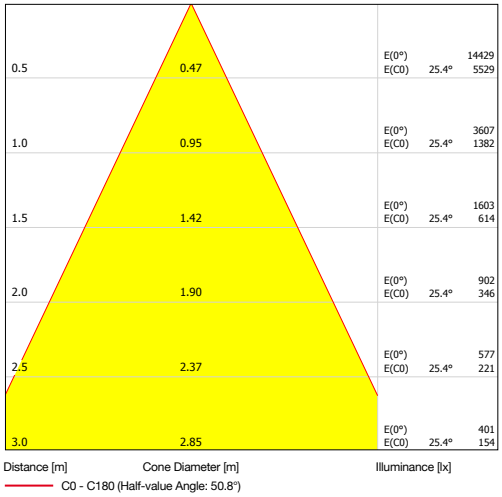
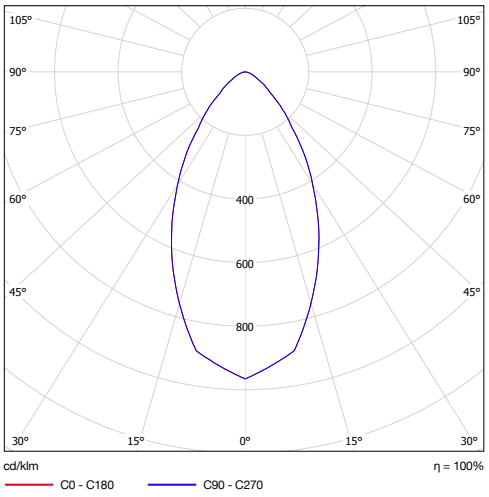
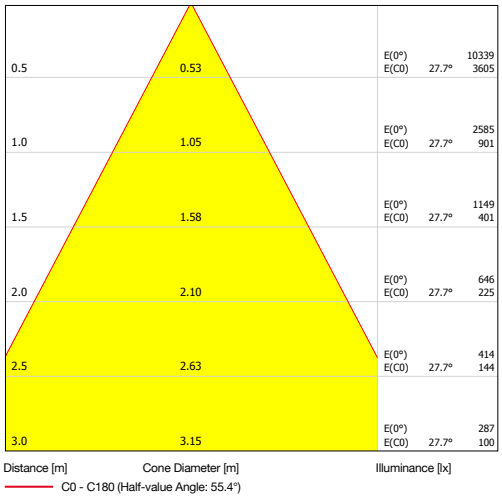
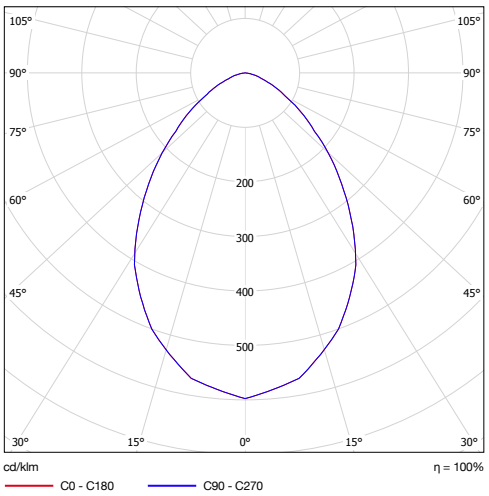
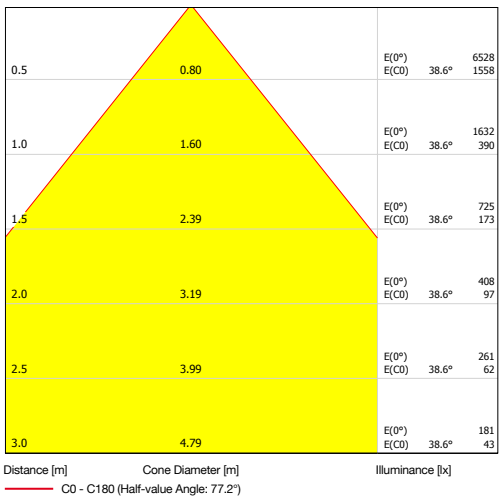
LEDEUD00026D30 / LEDEUD00026D40



ILLUMINANCE



Optical parameters

	POLAR CANDELA DISTRIBUTION	ILLUMINANCE
LEDEUD00028D30 / LEDEUD00028D40		
LEDEUD00029D30 / LEDEUD00029D40		
LEDEUD00128D30 /BLEDEUD00128D40		

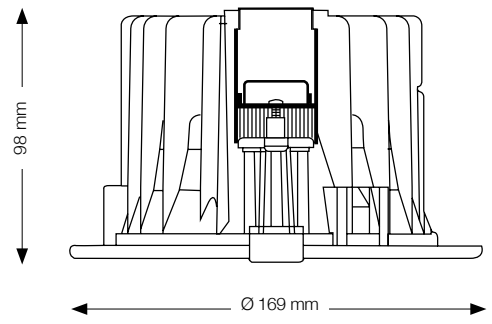
Electrical parameters

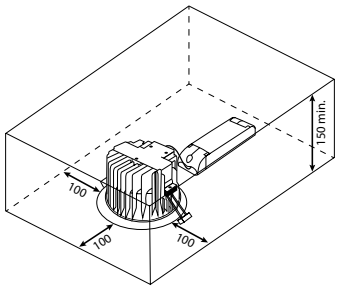
MODEL NAME	E-CORE LED DOWNLIGHT 3000
Rated wattage	46 W
System efficacy	up to 62 lm/W
Input current	215 mA
Rated voltage	220 - 240 V
Frequency	50/60 Hz
Power factor	> 0.9
Rated lifetime	50,000 h
Lumen maintenace	70% at the rated lifetime
Connection	2 x (0.75 - 1.5) mm^2
Dimmable	Yes, DALI
Dimming level	5 - 100%

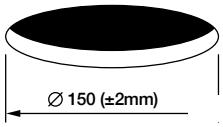
Mechanical parameters

MODEL NAME	E-CORE LED DOWNLIGHT 3000
Material	Aluminium
Finishing (trim colour)	White (Black / Silver for UGR 19/22 versions)
Type of installation	Ceiling recessed
Electrical class	Class II
IP rating	IP20
LED module	Integrated
Glow wire temperature	850 °C
Approval mark	CE
Operation temperature	+5°C - +35°C
Dimensions (D x H)	169 x 98 mm
Ceiling cut-out	150 mm
Recession depth	150 mm
Ceiling thickness	1 - 25 mm
Net weight	1,300 g without driver / 1,525 g with driver (to be ordered separately)

Drawings







Logistic data

PRODUCT CODE	EAN CODE	DESCRIPTION	SIZE OF PACKAGING (mm) L x H x W	GROSS WEIGHT (g)
LEDEUD00028D30	4974550449199	E-CORE LED DOWNLIGHT 3000 UGR19 / 3000 K / 50° / White	240 x 210 x 130	1,600
LEDEUD00028D40	4974550449205	E-CORE LED DOWNLIGHT 3000 UGR19 / 4000 K / 50° / White	240 x 210 x 130	1,600
LEDEUD00032D30	4974550449236	E-CORE LED DOWNLIGHT 3000 UGR19 / 3000 K / 50° / Black	240 x 210 x 130	1,600
LEDEUD00032D40	4974550449243	E-CORE LED DOWNLIGHT 3000 UGR19 / 4000 K / 50° / Black	240 x 210 x 130	1,600
LEDEUD00036D30	4974550449281	E-CORE LED DOWNLIGHT 3000 UGR19 / 3000 K / 50° / Silver	240 x 210 x 130	1,600
LEDEUD00036D40	4974550449274	E-CORE LED DOWNLIGHT 3000 UGR19 / 4000 K / 50° / Silber	240 x 210 x 130	1,600
LEDEUD00026D30	4974550449090	E-CORE LED DOWNLIGHT 3000 UGR22 / 3000 K / 73° / White	240 x 210 x 130	1,600
LEDEUD00026D40	4974550449182	E-CORE LED DOWNLIGHT 3000 UGR22 / 4000 K / 73° / White	240 x 210 x 130	1,600
LEDEUD00030D30	4974550449229	E-CORE LED DOWNLIGHT 3000 UGR22 / 3000 K / 73° / Black	240 x 210 x 130	1,600
LEDEUD00030D40	4974550449212	E-CORE LED DOWNLIGHT 3000 UGR22 / 4000 K / 73° / Black	240 x 210 x 130	1,600
LEDEUD00034D30	4974550449267	E-CORE LED DOWNLIGHT 3000 UGR22 / 3000 K / 73° / Silver	240 x 210 x 130	1,600
LEDEUD00034D40	4974550449250	E-CORE LED DOWNLIGHT 3000 UGR22 / 4000 K / 73° / Silver	240 x 210 x 130	1,600
LEDEUD00029D30	4974550449100	E-CORE LED DOWNLIGHT 3000 UGR25 / 3000 K / 55° / White	240 x 210 x 130	1,600
LEDEUD00029D40	4974550449124	E-CORE LED DOWNLIGHT 3000 UGR25 / 4000 K / 55° / White	240 x 210 x 130	1,600
LEDEUD00128D30	4974550449974	E-CORE LED DOWNLIGHT 3000 UGR28 / 3000 K / 77° / White	240 x 210 x 130	1,600
LEDEUD00128D40	4974550449981	E-CORE LED DOWNLIGHT 3000 UGR28 / 4000 K / 77° / White	240 x 210 x 130	1,600

All fixtures are excl. driver, to be ordered separately (please see accessories)

Accessories

PRODUCT CODE	EAN CODE	DESCRIPTION	SIZE OF PACKAGING (mm) L x H x W	GROSS WEIGHT (g)
LEK-50001CA01O	4974550438216	TOSHIBA 50W DALI driver	212 x 34 x 50	240
LEDEUDX0001	4974550428729	Renewal plate ø 250 mm / White		
LEDEUDX0002	4974550443364	Renewal plate ø 250 mm / Black		
LEDEUDX0003	4974550443371	Renewal plate ø 250 mm / Silver		

Handling and safety information

- Do not cover the lamp with paper, cloth or other easily flammable materials
- Do not expose the lamp to water or high humidity
- Avoid additional mechanical stress on the lamp
- Do not touch the lamp during or shortly after usage. Risk of burn!
- Use only with recommended dimmers
- Ambient temperature range: +5 °C to +35 °C
- Do not look directly into the lamp
- Do not spray pesticide on this lamp
- Please ensure the mains power is disconnected before undertaking any work on the luminaire or lamp

www.toshiba.eu/lighting

09/2013

Product specifications and configurations, and availability of products are subject to change. Variations in product design and product features are subject to change. Colours may vary from illustration. Errors and omissions excepted.
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